



RadioShack®

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In/Out Thermometer with Indoor Humidity Gauge



Owner's Manual

Please read before using this equipment.



Features

Your RadioShack In/Out Thermometer with Indoor Humidity Gauge is designed to accurately read and display the indoor and outdoor temperature and indoor relative humidity. You can mount the thermometer on a wall for easy viewing.

3-Line LCD Display — displays the indoor relative humidity and the indoor and outdoor temperatures in Celsius or Fahrenheit.

Minimum/Maximum Memory— lets you recall the lowest and highest indoor and outdoor temperatures the thermometer recorded since the last time you reset

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it, or replaced its batteries.

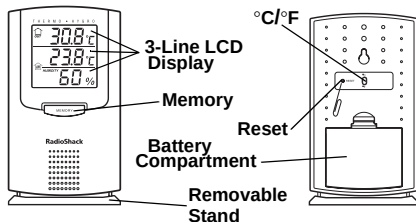
Minimum and Maximum Indoor Relative Humidity Readings — let you recall the highest and lowest indoor humidity the thermometer recorded since the last time you reset it, or replaced its batteries.

Temperature Compensation — assures accurate indoor relative humidity measurement, unaffected by temperature changes.

Wet/Dry Indicators — appear when there is excess or inadequate moisture in the air.

Note: You need two AA alkaline batteries to power your thermometer/hygrometer and a nail or screw (not supplied) to mount it.

A Quick Look at Your Thermometer



Preparation

INSTALLING/REPLACING BATTERIES

Your thermometer/hygrometer requires two AA batteries (not supplied) for power. For the longest life and best perfor-

mance, we recommend RadioShack alkaline batteries.

Cautions:

- Use only fresh batteries of the required size and recommended type.
 - Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
1. Press on the tab on the battery compartment cover and lift the cover off.
 2. Place two fresh batteries in the compartment as indicated by the polarity symbols (+ and –) marked inside.

All the segments of the display screen appear briefly, then the outdoor/indoor temperatures and indoor relative humidity appear.

3. Replace the cover.

If the display appears weak or the thermometer does not work properly, replace the batteries.

Cautions:

- Never leave dead or weak batteries in the thermometer.
- Dispose of batteries properly, do not bury or burn them.

CHOOSING A MOUNTING LOCATION

Choose locations for the thermometer and the attached outdoor sensor within 10 feet of each other, where you can easily route the outdoor sensor's cord outside (near a window, for example).

You can place the thermometer on a level surface (such as a desktop or counter) using the supplied stand, or you can mount it on a wall.

For the best mounting results, attach the thermometer and outdoor sensor on dry wall or wood surfaces. Avoid mounting either on ceramic tile or metal surfaces.

The most common way to route the outdoor sensor's cord is through a corner or depression in a window sill or door edge.

You can also use a pass-through tube to route the cord through a wall.

Cautions:

- The outdoor sensor is permanently attached to the thermometer. Do not try to remove it.
- Avoid routing the outdoor sensor's cord where it could be pinched or cut.

Note: Keep the thermometer and outdoor sensor away from artificial sources of heat or cold such as stoves, heating vents, radiators, and direct sunlight.

Attaching the Stand

1. Flip up the two tabs on the stand.

2. Insert the tabs in the matching slots on the thermometer's base until they snap into place.

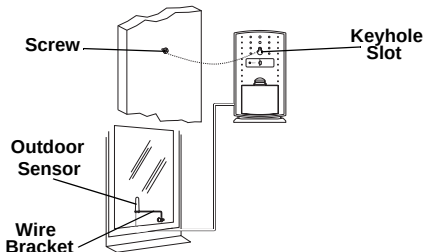
Note: Make sure the flat side of the base faces the front of the thermometer.

To remove the stand, gently pull it away from the unit.

Mounting the Thermometer

You need a wood screw (not supplied) with a head that fits in the keyhole slot on

the back of the thermometer to mount the thermometer on a wall.



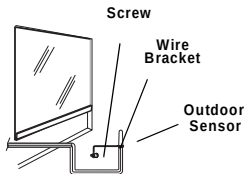
1. Mark the position of the screw hole.
2. In the marked location, drill a hole slightly smaller than the wood screw.

Caution: Be careful not to drill into any objects behind the wall.

3. Using a screwdriver, drive the screw into the wall, letting the head extend $\frac{1}{8}$ inch from the wall.
4. Align the keyhole slot on the back of the thermometer with the screw head, then carefully push the thermometer onto the screw head and slide it down into place.

Mounting the Outdoor Sensor

You need a nail, wood screw, or masonry screw (not supplied) with a head larger than the small loop on the wire bracket to mount the outdoor sensor.



1. Mark the position of the screw hole.
2. In the marked location, drill a hole slightly smaller than the nail or screw.

Caution: Be careful not to drill into any objects behind the wall.

3. Slide the wire bracket off the outdoor sensor.
4. Push the nail or screw tip through the small loop on the wire bracket, then drive the nail or screw into the wall.
5. Slide the outdoor sensor onto the wire bracket.



Operation

OUTDOOR/INDOOR TEMPERATURE

The thermometer automatically displays the outdoor temperature (**OUT**) in the first line and the indoor temperature (**IN**) in the second line.

Note: If the outdoor temperature rises above 158°F (70°C) or falls below -58°F (-50°C), the thermometer displays **HHH** or **LLL** in the first line.

Changing the Degree Format

You can view the temperature in Fahrenheit (°F) or Celsius (°C) format.

To change the degree format, repeatedly press °C/°F on the back of the thermometer to toggle to the desired degree format.

INDOOR HUMIDITY

The thermometer automatically displays indoor humidity in the third line.

When the indoor relative humidity rises above 70%, **WET** appears, indicating excess moisture in the air.

When the indoor relative humidity falls below 40%, **DRY** appears, indicating low moisture in the air.

MAXIMUM/MINIMUM MEMORY

The thermometer automatically stores the lowest and highest outdoor/indoor

temperatures and indoor humidity it recorded since you last reset it, or replaced the batteries.

To recall the stored maximum and minimum temperatures and humidity:

1. Press **MEMORY** to recall the maximum (**MAX**) indoor and outdoor temperatures and indoor humidity display.
2. Press **MEMORY** again to recall the minimum (**MIN**) indoor and outdoor temperatures and indoor humidity display.
3. Press **MEMORY** again to return to the current temperature and humidity display.

Note: If you do not press **MEMORY** again, the **MAX** or **MIN** information appears for about 5 seconds. Then the display returns to the current temperature and humidity.

4. To clear the minimum/maximum memory and reset it to the current temperature, hold down **MEMORY** for about two seconds. The display resets and the current temperatures and humidity appears.

RESETTING THE THERMOMETER

If the thermometer stops operating properly, use a pointed object (such as a straightened paper clip) to press **RESET** on the back of the thermometer.



Care

Keep the thermometer dry; if it gets wet, wipe it dry immediately. Use and store the thermometer only in normal temperature environments. Handle the thermometer carefully; do not drop it. Keep the thermometer away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the thermometer's internal components can cause a malfunction and invalidate its warranty. If your thermometer is not performing as it should, take it to your local RadioShack store for assistance.



Specifications

Power 3V with Two AA Batteries

Temperature Operating Range:

Main Unit 23° to 122° F (–5° to 50° C)

Outdoor External Probe –58° to 158° F
(–50° to 70° C)

Relative Humidity Operating

Range 25% to 95% RH

Temperature Compensation

Range 14° to 140° F
(–10° to 60°C)

Resolution 0.2° F (0.1° C)

Sampling Cycle (Approximate) 10 Seconds

Accuracy $\pm 1.8^\circ$ at 32° to 104° F
(0° to 40°C)

$\pm 3.6^\circ$ at –40° to 122° F (–40° to 50°C)

$\pm 5.4^\circ$ at –58° to 158° F (–50° to 70° C)

Weight (without batteries) 1.8 oz. (50 g)

Dimensions

(HWD) $5\frac{9}{16} \times 3\frac{5}{16} \times 1\frac{15}{16}$ Inches
(142 × 84 × 24 mm)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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